

Abarna_day47

```
#include <stdio.h>
```

```
int isPalindrome(int num) {  
    int reversed = 0, original = num, digit;  
    while (num > 0) {  
        digit = num % 10;  
        reversed = reversed * 10 + digit;  
        num /= 10;  
    }  
    return (reversed == original);  
}
```

```
int main() {  
    int n, i, longestPalindrome = -1;  
  
    printf("Enter the size of array: ");  
    scanf("%d", &n);  
  
    int arr[n];  
    printf("Enter the elements of array: ");  
    for (i = 0; i < n; i++) {  
        scanf("%d", &arr[i]);  
        if (isPalindrome(arr[i])) {  
            if (longestPalindrome == -1 || arr[i] > longestPalindrome) {  
                longestPalindrome = arr[i];  
            }  
        }  
    }  
  
    if (longestPalindrome != -1)  
        printf("Longest palindrome: %d\n", longestPalindrome);  
    else  
        printf("No palindrome found in the array.\n");  
  
    return 0;  
}
```